CASH

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# STERLING

# BLANK BOOK

## No. 797

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|---|---|
| JOURNAL | CASH BOOK |
| D. E. LEDGER | DAY BOOK |
| S. E. LEDGER | RECORD |

RECORD—INDEXED THROUGH

152 PAGES ONLY

MADE IN U. S. A.

This Notebook is of much value to the owner and if lost a reward will be paid to the finder if it is sent to:

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1935-1936

For previous numbers see U.S.D.A. Field Books. 1

Phanerogams.

584 Gaillardia aristata purple
Big Horn mtn - Dayton - Kane Road
Elev. about 10,000 ft - Sheridan County
July 7, 1934 Wyoming

585 Monarda menthaefolia Graham
as above

586 Campanula rotundifolia L.
as above

587 Boykinia heucheriformis (Rydb.) A. Nels.
on the rocks - as above

588 Castilleja linariaefolia Benth.
associated with artemisia - moist
hillsides - as above.

589 Juniperus scopulorum Sarg
Tower Tongue River - elev about 4000
artemisia - atriplex association
Sheridan County, July 5, 1934

Cryptogams - Fungi.

590
Stripe on grass?
Wolf Creek near Dayton, Sheridan Co. Wyo
July 10, 1934

591

Rust on Salix
Wolf creek near Dayton, Sheridan County -
July 10, 1934

592

Spot on clematis ligusticifolia
as above

593

Spot on ?
as above

594

Spot on wild parsnip or possibly escaped
as above

595

Spot on ?
As above

596

Leaf spot on white clover
as above

597

Rust on cicuta (Water Hemlock)
as above -

598

Wesf spot on ? Solidago?
as above

599

Spot on Hupinum
as above

600

spot on alfalfa
Wolf creek about 6 mi above N
Ranchester, Sheridan Co. Wyo. July 11, '34

601 Septoria convolvulis
Wesf spot on ? convolvulus. Two to several leaves coming directly out of ground.
as above

602

Wesf spot on Chenopodium
as above

603

Wesf spot on mentha
as above

604

Spot on Salix - new growth.
as above

5 605 Septoria Geii Rob. & Desm.
Leaf spot on ~~Raspberry~~ Geum macrophyllum ? leaves coming directly out of ground - as above.

5 606
Spot on Cirsium arvense
as above - along creek -

5 607
Leaf spot on ?
as above

5 608
Mildew on new growth of Amelanchier or Prunus - as above.

5 609
Rust on Rubus
As above - wolf creek -

5 610 Puccinia Caricis - shepherdiae Davis
Rust on Shepherdia argentea Nutt
as above

5 611 Puccinia grindeliae pk.
Rust on ? (Same as 615)
On Erigeron sp.
as above.

612

On bark of alnus tenuifolia
along Wolf Creek - July 10, 1934
Sheridan County, Wyoming.

613

Data as above.

614

Leaf spot on Cornus
Wolf Creek near Ranchester - Sheridan Co.
Wyoming — July 12, 1934

615 Puccinia grindeliae Peck.
Rust on Erigeron sp. (Same as 611)
As above.

616

Rust on ?
as above

617 Gymnosporangium
Rust on Service berry (Amelanchier)
as above

618

Rust on Rhus Rydbergii
as above

Wyoming

619

Leaf spot on Rhus Rydbergii —

620

On ?

as above

621

Rust on stinging nettle

as above

622

Rust on ? - as above -

623

Leaf spot on arrowhead (Sagittaria)

wet land - as above - Fl white - (possibly two diothea)

624 Puccinia violae (Schum) DC.

Rust on ~~dog tooth~~ Viola violet (~~Erythronium~~)

Forest floor above Stony, Sheridan Co, Wyoming. July 13 1934

625

Leaf spot on Aster

above stony - as above

626

Rust on ?

As above in open. —

July 13, 1934

627

Leaf Spot on ?
as above in the open -

628

Leaf spot on Ribes
as above

629

Leaf spot on ?
as above

630

Leaf spot on wild strawberries (Fragaria)
as above

631

Leaf spot on ?
as above - in the mts

632 Gymnosporangium clavipes
Rust on Crataegus - as above

Phanerogams

633 Chrysopsis villosa Nutt.
Soil in crevices of granite rocks - Big Horn mts - above stony - July 13, 1934
Sheridan County, Wyoming.

634 Solidago pulcherrima A. Nels.
as above (Big Horn mts, above stony, Sheridan Co.

635 ~~Gnaphalium~~ Anaphalis margaretacea var subalpina
Moist slopes - Big Horn mts - growing in clump.
as above

636 Spirea lucida Dougl.
as above

637 Cuscuta
Dodder on alfalfa - wolf creek above Ranchester July 16, 1934

Cryptogams (Fungi)

638 Septoria polygonorum Desm.
Spot on Polygonum persicaria
prairie Dog Creek near Banner - Sheridan Co. Wyo. July 17, 1934

639 Puccinia menthae Pers?
Rust on Lycopus
as above

640 Puccinia prunastata Link.
Rust on Galium aparine L.
as above.

641

On?
as above - Tall plant 3ft in swamp.

642 Septoria Sicyi peck.
Spot on wild Cucumber
As above -

643

Rust on?
As above - moist place (plant about 2-4 ft)

644

Leaf spot on Polygonum
As above - plants 2-4 ft -

645

Stripe on?
As above

646

Stripe on?
As above

647

Spot on?
As above - moist situations.

Wyoming.

648 Puccinia atrofusca
Rust on Carex – Prairie Dog Creek near
Banner, Sheridan Co.

649
Rust on
as above

650
Leaf spot on Convolvulus
Meade Creek near Banner - Sheridan Co.
July 19, 1934

651
Spot on Helianthus (in grain field) as above

652
Rust on

653 Uromyces Solidaginis (Sommerf) Niesl.
Rust on Solidago – as above –
654 Puccinia polygoni - amphibii?
Rust on Polygonum
as above

655

Rust on Epilobium Hornmanii
as above

656 Erysiphe cichoraceamm DC.
Later stages of mildew on Salix
sparine (collected earlier)

657

Mildew on Prunus seedlings
typeas Little Goose Creek near Big Horn
Sheridan County - July 20, 1934

658

Moss - on charcoal of old fireheed.
Big Goose Creek near Beckelon
June 1934

659

on Shepherdia argentea
Rock Creek, Johnson County Aug. 1, 1934

660

On Populus lanceolata?
as above

661

On Ribes – as above (current)

662

On Ribes (armed) as above

663

Leaf spot on Rosa
as above

664 Marsonia populi?
On populus lanceolata?
as above

665

On? possibly not a disease
as above

666

On Russian olive (escaped)
Clear Creek above Buffalo, Johnson County
Aug. 2, 1934

667

Leaf spot on
as above

668

Mildew on plantago
Clear Creek above Buffalo, Johnson Co.
Aug. 2, 1934

669

Rust on Solidago.
as above

670

On (Red berries)
As above

671

Rust on Burdock
Crazy women Creek in the Canyon
Johnson Co. Aug. 6, 1934

672

Rust on Clematis ligusticifolia
Upper Clear Creek above Buffalo
Johnson Co. Aug. 4, 1934

673

Rust on
As above (see Sheridan Co coll. for
flower & plant.

wyoming

674

On Shepherdia argentea
Crazy-woman Creek - Johnson Co. aug. 6, 1934.

675

Spot on Clematis ligusticifolia
as above

676

Spot on Symphoricarpos oreophilus
as above

677

Rust on
as above

678

Spot on Senecio
in the canyon of Crazy Women Creek
Johnson Co — aug. 6, 1934

679

On arabis ? Epilobium angustifolium.
as above

680 Heracleum lanatum Michx
Rust on
as above

681

On Mertensia (not call for mildew)
on the Canyon of Crazywoman Creek
Johnson County - aug. 6, 1934

682

mildew on Mertensia
as above

683

Rust on Crataegus
piney Creek - Johnson County - aug 7, 34

684

On Cornus stoloniferous Michx
As above

685

Spot on Viola or Pyrola
possibly ~~Cryptocoma~~ - growing in dense
shade. as above

686

Barley Stripe - as above

687

Rust on Rubus
as above.

688

Rust on Solidago canadensis b
piney creek - Johnson County - Aug. 8, 1934

689

Leaf spot on Prunus - this shrub is some larger than the common species & was observed growing only on piney creek at seems distinct - give detailed study -

690

On leaves only evident.
the shade as above -

691

On amelanchier
as above

692

Mildew on seedlings of prunus
crazy woman creek - in the canyon
Johnson Co - Aug. 6, 1934

693

Rust on
little piney Cr. Johnson Co - aug. 9, '34

694

Rust on acer negundo w
borner piney Cr. Johnson County aug. 9, '34

695

Mildew on
as above

696 Erysiphe polygoni ?
Mildew on Polygonum Aviculare
as above

697

Mildew on Glycerhiza lepidota
Wittle piney Cr. Johnson Co. Aug. 9, 34

698

Rust on Thalictrum
as above

699

Mildew on clover
as above

700

Leaf spot on
Piney Cr. near Kearney - Johnson
County aug. 9, 1934

701

Leaf spot on penstemon glaber pursh.
as above

702

On Rosa - upper clear creek -
Johnson County - Aug. 7, 1934

703

Rust on Senecio?
upper piney creek - Johnson Co. Aug. 10, 1934

704

Mildew on Helianthus
as above

705

On plant grows from
1-2 ft high very milky - as above -

706

On ? Smilacina ? Disporum trachycarpum
as above

707

Rust on Rosa
as above

708

Mildew on
As above

~~Phanerogams~~

709 Acer glabrum
Crazy woman Creek - in the canyon
Aug. 6, 1934

710 ~~Prunus sp~~ ? Viburnum lentago L.
See note no. 689

934. 10-20 ft high? Piney Creek near Kearney -
Johnson County Aug. 8, 1934

711 Rosa
upper Clear Creek - Johnson Co.
aug. 2, 1934

712 Liatris punctata Hook.
Rock Creek - Johnson County.
aug 1, 1934

713
Moss - Soil on Rock - upper Rock Creek
Johnson Co. Aug. 1, 1934

714
Soil near streams - upper Clear Creek
Aug. 4, 1934 - Johnson County

715

Soil on Rock cliff - spring $H_2O$ off limestone
upper Rock Creek - Johnson Co, Aug. 1, '34

716

Disease on Betula
Warren pine Creek - Johnson County
Aug. 7, 1934

717 alfalfa seed off plant 6 yrs old. John Carr
Ranch - South Fork of the Popo Agie - 8 mi
East of Wonder - Fremont Co. Wyo. Aug. 21, 1934

718 Common alf. soil of clay type - fair to
good drainage - no evidence of wilt eight
inches below crown. pin head brown
spots in pith at 6 in below crown -
Same at 4 in. - center brown at 3 in
crown in fair health.

718 alfalfa seed from plant 8 yrs old
on Joe Peterson ranch - S. Fork Popo
Agie common alfalfa Aug. 21, 34

719 Alfalfa seed
See Field notebook U.S.D.A.

720 Alfalfa Seed } See U.S.D.A. notebook
721 " "
722

Rust on Carex
North Fork Popo Agie River - Fremont
County - Aug. 16, 1934

723

On Clematis ligusticifolia
As above

724

On Salix (look like leave of Cotton
wood but positively are not)
As above

725 Bidens cernua L.
Mildew on
as above

726

On Salix
As above

727

Leaf spot on Ribes
As above -

728

Leaf spot on ~~Rumex~~ polygonum persicaria
North Fork of the Popo Agie River above
Lander - Fremont Co. Aug. 16, 1934

729

Rust on Mentha
as above

730

Rust on Clematis
As above

731

Rust on Urtica
as above

732

Leaf spot on Clematis ligusticifolia Nutt
at above

733

Rust on Stieroxema ~~exhiatum~~ exhiatum (b) Rydb.
at above

734

Rust on Rosa
as above. (734a) = Ribes

735

Rust on grass Elymus condensatus
As above pucc.

736

Rust on Hordeum jubatum
North Fork of the Popo Agie River above
Lander - Fremont Co. Aug. 17, 1934

737

Rust on Lupinus argenteus pursh
As above

738

Rust on Monarda ?

739

Rust on
As above

740

Mildew on Helianthus
As above

741

Rust on Salix
As above.

Wyoming

742

Rust on Glycerhiza lepidota
as above N.F. pop. Agie Aug. 17, '34

743

Mildew on Salix
As above

744

Spot on Rumex
As above

745

On Asclepias
As above

746

Spot on urtica dioica
As above

747 Marsonia potentillae (Desm.) Fischer
On Fragaria — as above.

748 N. Y.
On Fragaria
as above

749 Uncinula salicis (DC) Wint.
On Populus tremuloides
As above Aug. 17, 1934

750
Rust on Populus tremuloides
As above Aug. 20, 1934
N. Fork of the Popo Agie River

751
Rust on Amelanchier
As above (750)

752
Leaf Spot on
As above

753
Mildew on Glycerhiza lepidota.
As above

754
Spot on Asclepias
As above

755
Rust on Salix
As above.

756 Marsonia apicalis Ell. & Ev.
On Willows - North Fork of the Popo Agie River above Wander - Fremont Co. Aug. 20, '34

757
Rust on Rubus
As above

758
Rust on Crataegus
As above

759
On
As above

760
On Iva xanthifolia
As above

761
Spot on horse radish
As above - in Garden
" " " "

762 Betula alnus tenuifolia Nutt.
White bark - along North Fork of the Popo Agie River above Wander - Aug. 17 1934 - Fremont County.

763 Betula ~~papyrifera Marsh.~~ microphylla Bunge
Red bark - as above

764 Crataegus Sheridana A. Nels.?
Shrub 15-25 ft high - Along N.F. of the Popo Agie River - aug. 17, 1934

765 Cirsium arvense (L.) Scop. var integrifolia.
Wittle Popo Agie River - 15 mi S.E. of Lander - Fremont Co. Aug. 21, 1934

766
Rust on Polygonum
as above

767
Spot on
as above

768 N. N.
Rust on Psoralea tenuifolia

769
Leaf spot on Rosa
as above aug. 22, 1934

770
Rust on Rosa
as above

771

Rust on Eriogonum – Aug. 27, 1934
as above – Little Popo Agie River 36
mi S. E. of Wander – Fremont County –

772

On Smilacina? striped barrier –
As above –

773

Mildew on plantago
as above Aug. 23, 1934

774

Mildew on
Big Popo Agie River below Wander
Fremont Co. Aug. 24, 1934

775

Mildew on Stachys
as above

776

Leaf spot on Cornus
as above

~~Wyoming~~

~~Washington~~ Idaho

~~Fungi~~

777

On Alnus - Latah County, Thatuna hills (Moscow mts)
Cedar Peak road Sept. 30, 1935

778

On - Shrub
as above

779

Mildew on Senecio vulgaris?
as above

780

On Symphoricarpos
as above

781

On (Shrub)
as above

782

On Rubus
as above

783

On Salix
as above

Idaho

784

On Fragaria - Thatuna hills
Sept. 30, 1934 Watah County

785

Rust on Carex
As above

786

Mildew on Rudbeckia
as above

787

Rust on Rosa
As above

788

On Rubus
as above

789

On Rumex crispus
As above

790

Spot on Senecio
As above

Idaho

791

On Symphoricarpos
as above - Thatuna Hills - Latah County.

792

Agaricales - as above

793

794

795

796

797

798

799

800 Arcyria incarnata pers.
Mykomycetes - as above

Idaho

Latah County

801

Thatuna hills (moscow mts) cedar peak trail

802 polyporus elegans (Bull) Frier

as above

803 Stereum ochraceo-flavum?

as above

804 [illegible] U. S.

[illegible]

805 [illegible]

[illegible]

806 Peniophora

as above

807 Chlorosplenium aeruginosum (Oed) de Not.

808 Stereum ochraceo-flavum

as above

809 Morchella

Basidiomycete

810

Idaho

Latah County

811

(Moscow mts.) Thatuna Hills · Sept. 30, 1934

812 N.H.

As above

813 Hymenocypha

discomycete - as above

814 Hymenocypha

as above

815 Hebotium

As above

816 [illegible]

817 Stereum

As above

818 Clavaria cinereoides atk.

Moscow mts - Sept. 30, 1934

819

820

821 N.H.

On pine needles

Idaho - Wyoming

822

Thatuna Hills - Watah County - Sept. 30, '34

823 Clavaria cinereides Atk.
as above

Wyoming

824 Uromyces Fabae (Pers) De Bary
On Wathyrus ornatus? near Wander
Fremont County - aug. 28, 1934

825 Claviceps purpurea (Fr) Tul
on Elymus canadensis L.
as above

826 Erysiphe polygoni DC.
on Hyptimus argentens punsh
as above

827 Gymnosporangium Nelsonii Arth
on Amelanchier
as above

828 Erysiphe polygoni DC.
on Clematis ligusticifolia Nutt
as above

829 Septoria convolvuli Desm.
on convolvulus sp.
near Hudson, Fremont Co aug. 29, 1934.

Washington

830 phlox longifolia Nutt var. puberula E. Nels.
Among the sagebrush and rocks - Bower
Meadow creek - Grand Coulee, Granite County
Near Park Lake - April 20, 1935

831 Agoseris
Sandy soil - data as above

832 Valerianella macrosera (T & G) Gray
Data as 831

833 Cryptanthe flaccida (Dougl.) Greene
Data as 831

834 Astragalus glaucous Dougl.
as above

835 Eriogonum thymoides Benth
as above

836 Nomatium triternatum (Pursh) C. & R.
Among the sage - as above -

837 Poa secunda
as above

838 Viola adunca Smith
Moist rich soil along stream
as above

Washington.

April 20, 1935

839 (Capnorea lasiantha Greene) (Greene) St John
Helsperocleiron lasianthus
Moist saline soil - 200 yds from shore of
park Lake - Grand Coulee - Granite Co. April 30, '35

840 Amelanchier ~~florida Lamb?~~ Cusickii Fernald
along shore of park Lake - 10 to 20 ft high

841 Grayia spinosa (Hook) Moq.
shrub. 2-4 ft - associated with Artemisia
South end of park Lake - gravelly knolls

842 Viola trinervata Howell
among the sagebrush - north of
park Lake - on the Grand Coulee - Granite Co

843 Lomatium gormani
as above

844 Antennaria dimorpha
as above

845 Balsamorhiza
was deeply cleft - rocky knolls a little
higher than B. carvana - as above -

846 Balsamorhiza
seemingly half way between the above
and B. Carvana - more sandy soil -
seeming a transition zone between B. hirsuta

852 Delphinium bicolor Nutt
data as of 850
Washington



April 30, 1935

a and B. carryana & poseuing characters of both. as above.

847 B. carryana Gray
Wower sandy hillsides of the south slopes as above. 1/2 mi no. of Park Lake

848
Rust on Leptotaenia
north of park lake as above.

849
on Eriogonum spicatum
as above.

850
Rust on Allium - slide rock - south slope of Cutler Hill - north of park lake - Granite Co. April 30, 35

851 Allium
→ as 850

852 Phacelia sericea mexicana
as above

854 Rubus occidentalis L.
Fruit of Park Water - north slope above Flu white to pink - April 21, 1935

Washington

April 21, 1935

855 Dodecatheon Conjugens Greene
white fls - with artemisia tridentata
near Coulee City - Grand Coulee - Apr. 21

856 Dodecatheon conjugens Greene
Fls purple - as above

857 Ribes cereum Dougl.
fls yellow - Rocky slide - north slope.
4 mi. south of Coulee City, April 21, 1935

858 Saxifraga nidifica Greene
Among granite rocks in wet situations
Near Steamboat Rock - Grand Coulee.

859 Lithospermum ruderale
as above

860 Arabis sparsiflora Nutt.
At the top of the canyon 1 mi. east
of Coulee Dam - ~~Grant Co.~~ Grant Co!

861 Mertensia longiflora Greene
as above

862 Phlox rigida
as above

Washington

May 11, 1935

863 Phacelia linearis (pursh) Holzinger
b. A. Dillon & R. C. Rollins
In the "Sand Dunes" 8 mi north of Kahlotus, Franklin County - alt. about 1400 ft. May 11, 1935

864 Astragalus sclerocarpus Gray
On west slopes of semi-dormant dunes - as above

865 Hilia inconspicua (Smith) Douglas
data as 864

866 Cryptanthe circumscissus (H & A) Johnston
Data as 864

867 Castilleja pallescens (Gray) Greenman
Data as of 864

868 Umbellularia floida Wiedley
At the apex of native sand dunes
Tops growing above sand from 1 to 10 ft high. — with as of 864

869 Carex Douglasii Boott.
On the windward sides of the dunes
Data as of 864

Washington

May 11, 1935

870 Ranunculus cymbalaria Pursh
wet saline soil - [illegible] between
dunes - upper dune area
Wa-wawney springs - [illegible] North
Kahlotus - Franklin Co. May 11, 1935

871 Carex pre-gracilis Boott
Wet saline soil - as 870

872 Betula microphylla Bunge
mound lakes between the dunes
Data as of 870

873 (Argathia angustifolia?) Balsamorhiza sagittata Carpena
along roadsides & among the dunes
Lower dune area - data as of 863

874 Ranunculus sceleratus L.
on the water - seeps or lakes
between the dunes - data as of 870

Washington

875

Rust on Heuchera - Almota Canyon - whitman County - May 25, 1935

876

Rust on Symphoricarpos racemosus Mx as above -

877

Rust + albugo on Thelypodium lacinatum Piper - as above - on the Snake River - in the rocks.

878

Rust on Balsomorhiza sagittata Nutt Almota Canyon May 25, 1935 -

Wyoming
June 23, 1935

879 Ranunculus calthaeflorus Greene
Moist park near Nashes Fork - Med. Mts
Below Summer Camp - Albany Co.
With sedges - alt 9500 ft

880 Claytonia rosea Rydb. var. lanceolata Pursh
Moist hillside - as above -
except not with sedges -

881 Saxifraga rhomboidea Greene
Moist hillside with Thlaspi glauca.
among the rocks - 1 mi East of
Summer Camp - Medicine Bow Mts
Albany Co - alt. 9500

882 Erigeron compositus Pursh.
Dry hillside - South slope - 1 mi East
of University Summer Camp. Med. Mts
alt. 9500 ft - near Nashes Fork.

883 Potentilla fruticosa Wahlenb.?
Bare exposures of knolls at
about 9,500 ft. South of Camp.
Medicine Bow Mts. June 25, 1935

Wyoming

884 phlox caespitosa Nutt. ! in Wyoming
Bare exposures + unprotected knolls -
south of Wyoming University Camp
in valley — 9,800 ft. June 25, 1935

885 Erythronium grandiflorum Pursh.
University of Wyo - summer camp -
moist situations - alt - 7,500 ft -
June 25, 1935

886 Androsace septentrionalis L var subumbellata A. Nels.
thin soil - protected parks - in Wind
fall areas - 9,800 ft - as above
June 26, 1935

887 Ribes montigenum McClatchie
Rock slide - south slope
1 mi east of university camp -
as above

888 Poa Fendleriana (Steud) Vasey
as above - in rock crevices - June 25

~~881~~ ~~Androsace septentrionalis L~~
Var subumbellata A. Nels.
Am elanchier alnifolia Nutt.
as above - stunted to about 1 ft high
Growing from rock crevices - 10,000 ft.

Wyoming

890 Trollius albiflorus
In moist situations - above the university Summer Camp - Albany Co. Medicine Bow Mts - June 26, 1935

891 Caltha rotundifolia (Huth) Greene
as above.

892 Viola linguaefolia Nutt.
Dry hillsides about the university camp. Medicine Bow Mts. - Albany Co. 9,500 ft
June 26, 1935

893 Polemonium confertum Gray
Soil rich in humus - open parks
1 mi north of uni. camp. as above.

894 Anemone patens L.
As above.

895 Eritrichium argenteum Wight
Exposed knolls - as above

896 Arnica cordifolia Nutt.
at Libby Falls - lodgepole pine forest floor - 9000 ft
June 27, 1935

Wyoming

897 Viola blanda willd,
moist seeps - near Libby Falls -
Libby Creek - Med. Bow - mts. June 29, '35

898 Mitella pentandra Hook
moist springy hillside
as above

899 Fragaria americana (porter) Brit.
dry hillside near Libby Creek
as above.

900 Vaccinium scoparium Leiberg
Hedgepeth pine forest floor
Dry hillside - near Libby Falls
as above -

901 Collinsia parviflora Dougl.
dry hillsides - South exposure
as above -

902 Trifolium dasyphyllum T. & G.
Sub alpine - 10200 ft Rocky
knolls - Med. Bow. mts - near
Lake Tourner - June 30, 1935

Wyoming

903 Anemone globosa Nutt.
Bleak Knolls - 10,000 ft - near
Brooklyn Lodge - Nash's Fork - M.B. nels
Albany Co. June 30, 1935

904 Collomia? Lilia micrantha a little
moist soil along the Laramie River
East of Centennial - Albany Co. June 30, 35

905 Castilleja Collina A. Nels. Angustifolia Rydb. Nels.
Rocky pasture - 2 mi. S.E. of Centennial
as above

906 Allium textile Nels & Macbr.
Rocky knolls - 2 mi. S.E. of Centennial
as above.

907 Arenaria Macbridei Nels.
as above

908 Phlox Lilia pungens (Torr.) Benth.
as above

909 Senecio Fendleri Gray
wow - as above -

910 Penstemon [illegible]
as above - do.

Wyoming

911 Penstemon glaber p. [illegible] ok.
Rocky pasture -2 mi S. E. of
Centennial - June 30, 1935

912 Erigeron
as above.

913 Collomia linearis Nutt.
moist meadow along the Little
Laramie River - S. E. of Centennial
June 30, 1935

914 Lewisia rediviva Pursh
Rocky pasture 2 mis. East of Centennial
as above

915 Primula incana Jones
moist areas - along creek
3 mi S. E. of Centennial
as above

916 Ranunculus acriformis Gray.
as above.

917 Ureola nephrophylla Greene
as above

918 Oreocarya virgata (porter) Greene
along irrigation ditch - as above

Wyoming

919 Triglochin maritima
Moist meadows along creek - 3 mi S.E. of Centennial - June 30, 1935

920 Allium brevistylum Wats.
Moist swamps along the Little Laramie River - 2 mi S.E. of Centennial - June 30

721 Senecio perplexus A. Nels.?
Tall - along the Little Laramie River 2 mi S.E. of Centennial - June 30, '35

722 Penstemon strictus Benth.
as above -

923 Taraxicum ammophilum A. Nels.
Moist meadow on Nash's Fork 1/2 mi below the University Summer Camp.
~~Topographe~~?, - Med. Bow - Nels.
growing in peat - July 1, 1935.

924 Ranunculus
Moist hillside in deep rich soil - near Summer Camp. as above -

Wyoming

925 Crepis (gracilis (Kat.) Rydb.) intermedia Gray? (Blade det.-)
Moist meadows at the four ridges - 3 mi S.E. of Centennial, Albany Co. July 3, 1935.

926 Senecio Fendleri Gray
Rocky knolls - 4 mi S.E. of Centennial - as above -

927 Fragaria americana (Porter) Britt.
Forest floor - Nelson's camp 1 ½ north of Centennial - July 3, 1935. 7,500

928 Astragalus Drummondii Dougl.
Open knolls - as above -

929 Clematis Columbiana (T+R) Nutt.
Steep north slope in the woods with mid - climbing Nelson's ranch as above

930 Castilleja angustifolia (Nutt) G.Don.
open parks on high rocky ridges - among the sagebrush. as above 7,500

931 Castilleja linariifolia Benth.
as above

Wyoming

932 Purshia Tridentata DC.
Rocky knolls & hillsides - Nelsons Ranch.
1 mi North of Centennial - Albany Co. July 3, 1935.
933 Castilleja septentrionalis Windl
Moist river bottom - Nashs fork -
as above
934 Hesperinus
as above
935 Geranium Richardsonii F. & M.
as above
136 Rosa sp. on Hesperidium
as above -
137 Ribes cereum microbotrys Greene
Sandy parks in the River bottom.
As above
138 Heuchera parviflora Nutt.
Rocky hillside - above Nelson's ranch -
near Nash's Fork - as above
139 Arenaria congesta Nutt.
Sandy parks along the river bottom -
Nashs Fork - as above

Wyoming

Along mouth

1+0 Oenothera divaricata Nutt.
= O. obtusa (C&R) Ferm. - acc. matter
moist river bottom - Wolf Fork
Nelson's Ranch - 1 mi so of Centennial
July 3, 1935

1+1 Eriogonum subscaposum Rydb. Greene
hillsides + in dry open parts of
the River bottoms - as above

1+2 Artemisia (sedoidea Greene parvifolia Nutt) Blake det.
Creek bottoms - dryer areas -
4 mi S.E. of Centennial - July 3, 1935.

1+3 Astragalus pectinatus (Dougl.) a. rels.
of the "four leaved" on Wolf
Fork - 2 mi S.E. of Centennial
as above - Flr pink -

1+4 ~~Grindelia~~ Arnica fulgens Pursh.
moist meadows - as above -

1+5 Penstemon [illegible] Gentn
as above

1+6 Heuchera cylindrifolia?
rocky ridge - surrounded by
meadow - as above +

Wyoming

147 Aster glaberrimus Nutt.
Along Snake Fork - Nelson Range.
1 mi S. of Centennial July 3, 1935

148 Arenaria glomerata (Pursh) Greene
Rocky knolls - 4 mi East of Centennial
July 3, 1935 - Centennial Valley.

149 Lupinus nanoasssimus A. Nels.
as above

150 Chrysopsis resinulosa A. Nels.
Yellow composite - At the Four Mile
near Snake Fork - 2 mi S.E. of Centennial
July 3, 1935

151 Crepis
as above

152 Astragalus goniatus Nutt?
moist meadow along a fork of Snake
fork - 4 mi S.E. of Centennial
July 3, 1935

153 Halimaria hyperborea (Ag) R.Br
as above.

Wyoming

Albany County

954 Alsine texilis Nels. & Macbr.
moist meadow - near the "Four Bridges" -
on Nash's Fork - 3 mi S.E. of Centennial
July 3, 1933

955 Gramineae? Sanguphytum raremosum
as above - annual -

956 Allocarya scopulorum Greene
as above

957 Alsine Geyeri Wats.
as above

958 Potentilla effusa Dougl.
Rocky flats - 4 mi S.E. Centennial
as above

959 Penstemon fruticosus Wormskjoldii orientale C+R.
Rocky knoll - Four bridges & Nash's
Fork - 3½ mi S.E. of Centennial - June -

960 Actinella Actinea acaulis var. caespitosa
Rocky flats - 4 mi S.E. Centennial
as above -

961 Draba oligosperma Hook.
as above.

Wyoming
albany Co.

962 Koeleria cristata (h) pers
Grass - Rocky flats - 4 mi S.E. centennial
Centennial Valley - July 3, 1935.

963 Chamaerhodos erecta (h) Bunge.
as above.

964 Eriogonum ~~flava~~ ? umbellatum Torr.
as above

965 Hesperella argentia (purple) MacM.
as above

966 Arenaria ? Mochringia lateriflora (h)
Sandy park - dry - old stream
bed - nashis ~~rank~~ on Nelson's Ranch -
1 mi N. of Centennial - July 3 1935.

967
Rust on Balsamorhiza sagittata
Rocky knoll above Nelson's Ranch -
1 mi north of Centennial - July 3, 1935

968 Penstemon Rydbergii a. nels.
moist creek bottom - west of
Sheep mountain in the centennial
Valley - albany Co, wyo.
July 6, 1935

Wyoming

albany Co.

969 Thlaspi glaucum A. Nels.
above the University camp -
Type locality - July 7, 1935

970 Senecio perplexus A. Nels.
as above

971 Viola bellidifolia Greene
Along the stream above camp -
as above.

972 Viola nephrophylla Greene
as above

973 Sibbaldia procumbens L.
dry knolls in the timber
as above -

974 Penstemon ~~exilifolius A. Nels.~~ laricifolius Hook. et. Arn.
Pulsp exil. folius (A. Nels) Rydb.
on the Laramie plains
Rydb. Mt. Rydb. Mt.
The white July 7, 1935

975 Geranium Fremontii T. & G.
On the granite cliffs
Crow creek - albany County
July 11, 1935

Wyoming
Albany county

976 phacelia leucophylla Torr.
on the granite cliffs and on the knolls - crow creek - July 11, 1935
977 Thermopsis divaricarpa A. Nels.
Moist creek bottom
as above.
978 penstemon, ~~nitidus~~ virens Rydb.
on granite knolls
as above
979 Grindelia perennis A. Nels.
as above
980 Helianthus pumilus Nutt.
as above
981 arnica fulgens pursh.
moist meadow - Laramie hills near
crow creek - July 11, 1935
982 allium Geyeri Wats.
as above
983 ~~Halimolobos~~ virgatus (Nutt.) Schulz ~~Arabis Nuttallii Robs~~.
Moist hillside
as above -

Wyoming
Albany County

984 Aconitum columbianum
Pole creek below Tie city.
July 10, 1935

985 astragalus shortianus parryi Gray
dry granite hillside
as above

986 Castilleja flava Wats
as above

987 Viola ~~Rydbergii~~ canadensis L
var Rydbergii
moist stream banks
as above.

988 Gaillardia aristata Pursh.
Hillside in dryer situations.
as above.

984 penst ~~Rydbergii~~ virens Pennell
as above

990 Juncus americanus J. & S.
among the granite boulders -
hillsides - near Crow Creek
July 11, 1935.

Wyoming

Albany County

111 Arabis ~~[illegible]~~ ? glabra (L) Bernh.
Moist meadow - Below Vedauwoo
Elev 8,500 ft. In Laramie Hills. July 11, 1935

192 Scutellaria Bicknellii Porter?
as above

193 Mentha Canadensis (Escha) Greene
as above

194 Thalictrum ~~[illegible]~~ Fendleri Engelm.
As above - in an aspen grove

195 potentilla gracilis Dougl.
as above.

196 Hydrophyllum Fendleri (Gray) Heller
as above

197 Paronychia diffusa A. Nels.
Roadside between Crow Creek & Vedauwoo Glen - July 11, 1935

198 arnica Rydbergii ? Greene
Dry hillsides at 10,800 ft - Med. sow with - July 13, 1935

199 Claytonia lanceolata Pursh
as above.
1 mi west of Lake Marie

Wyoming

Albany County

1000 Castilleja ~~rhexifolia~~ miniata? Rydb. Coulter & Nels.
dry hillsides at 10,000 ft
mid. Bow mts - July 13, 1935

1001 Aquilegia coerulea James
about 2 mi above university camp
on top of knolls among the boulders.
10,500 July 13, 1935

1002 Trifolium parryi Gray
moist meadow - as above

1003 Mertensia viridis A. Nels. var dilatata (Nels) Hanson
~~virens var eborensis (Nels) Hanson~~
Hillsides and meadows
as above -

1004 Silene acaulis L. var subacaulis Robinson
Rocky knolls 3 mi above camp
as above

1005 Hedysarum pauciflorum (Hook) Fisher & Mutt.
Hillside - as above -

1006 Senecio ~~eburneus~~ fauerbergianus Greenmanii Gray
Hillside about ½ mile above camp.
10,000 ft - sub-alpine

July 14, 1935

Wyoming
Albany Co.

1007 Zygadenus elegans Wats. Pursh.
moist creek bottom above camp
9,800 ft. July 14, 1935

1008 pedicularis parryi Gray
Hillsides ½ mile above camp.
10,000 ft as above -

1009 Lupinus laxiflorus Lindl?
alpestris A. Nels.
as above

1010 penstemon subglaucus Gray
as above

1011 Allium brevistylum Wats.
moist creek meadow - Just above camp
as above.

1012 phacelia sericea (Graham) Gray
Hillsides ½ mile above camp -
as above.

Colorado

1013 Polemonium mellitum
on an old burn just below
Milner pass on the East slope.
Rky mt national park. July 17, 1935

1014 Ranunculus adonicus Gray
Milner pass at 10,000 ft. near a
receding snow drift - alpine -

1015 Castilleja
on the forest at willow Creek
pass - Jackson County - July 18, 1935

1016 Winnsala Americana Forbes
damp woods 5 mi north of Grand
Lake - Grand County, Colo. July 17, 1935

1017 Penstemon whipplearus? Gray
Road side - willow creek pass -
8,500 ft - Fls white - July 18, 1935

1018 Arabis Holboellii var. retrofracta
about 5 miles North of Grand Lake
Grand Co - Roadside - July 17

1019 Erigeron macrinus Eat.
Denver Camp - Willow Creek pass
~~Jackson Co~~ Grand Co. - July 18, 1935

Colorado.

1020 Penstemon whipplearum Gray
Fir bank purple - Roadside about
half way up the Trail Ridge Road. Mount
Hall park - July 17, 1935

1021 cersium drummondii J.T.D.
Var. acaulescens
open dry areas near the dinner
camp - willow creek pass - July 18, '35

1022 Aster Erigeron subtrinervis Rydb.
dry banks - as above.

1023 phlox multiflora?
as above

1024 Rubus acaulis
moist creek bank - mostly in the
shade - 8000 ft. dinner camp -
willow creek pass. ~~Jackson Co.~~ Grand Co. July 18

1025 Wathyrus leucanthus Rydb.
dry bank and forest park
as above

1026 ~~Ranunculus Saterafloro (N) Fern.~~
as above

Silene menziesii Hook.

Colorado

1027 Silene cespitosa Spreng.
Hay bank - Lower Camp - Willow creek pass
Grand County. July 18, 1935.

1028 Arabis Drummondii Gray
as above - moist parts -

do

1029 Penstemon caespitosus Nutt.
as above

1030 Campanula parryi Gray
as above

1031 Silene pennatifida Nutt
as above

1032 Primula angustifolia [illegible]
Alpine - Milner pass - 11,000 ft.
Rocky Mt. Nat'l Park - July 17, 1935.

1033 Pyrola chlorantha Sw.
Moist woods - 5 mi. above [illegible]
Grand Lake - Grand Co. as above.

1034 Castilleja rhexifolia Rydb.
Edge the woods at Lower Camp -
Willow Creek Canyon - July 15, 1935.
Grand County.

Colorado

1035 ~~Pulsatilla~~ Anemone globosa (Nutt.)
dry banks & forest parks - at summer
camp in Willow Creek canyon
July 17, 1935

1036 Arabis Holboellii var. retrofracta
Roadside about 6 miles north
of grand Lake - Rocky Mt. Natl. park.
~~Grand~~ July 17, 1935

1037 Pedicularis crenulata Benth.
moist meadows in North Park.
Jackson Co. - Colo. - July 16, 1935

1038 Arabis Drummondii Gray
Growing with 1036 - as above

1039 Arabis Drummondii Gray?
Roadside at about 8,500 ft on the
south slope of Willow Creek pass.
Grand County - July 18, 1935

1040 Arabis
as above -

Wyoming
Albany County

1041 Androsace filiformis. Ritz
wet peat bog - ½ mile below camp
med. Bow Nall Forest - on Nashes Fork
July 20, 1935

1042 Cardamine cordifolia Gray
shade - as above

1043 Androsace septrionalis var sub-umbellata
dry hillsides - Below main camp -
as above

1044 Veronica wormskjoldii R.&S.
peat Bog - ½ mile below camp.
as above

1045 Veronica serpyllifolia?
as above.

1046 Epilobium Hornemannii Reich.
hillside up from the bog.
as above

1047 Epilobium
peat soil around the bog - very wet.
as above

Wyoming
Albany Co.

1048 Senecio purshianus Nutt.
Dry hillsides near mi. Camp.
Med. Bow Natl Forest July 23, '35

1049 [illegible] Wats.
as above

1050 Arabis Drummondii Wats.
Moist hillsides - near camp.
as above.

1051 Potentilla gracilandica Rydb.
wet bog - 1/4 mile below camp -
9,530 ft. - July 23, 1935.

1052 Penstemon [illegible] A. Nels. et.
Moist hillsides near camp-
as above.

1053. Delphinium Nelsonii Greene.
Type locality - as above.

1054 Plantago Purshii Roem. & Sch.
moist valley - below camp -
as above

1055 Valeriana ceratophylla (Hook) piper
Hillsides - as above.

Wyoming

1056 Carex festiva Dewey var. Heydeniana Boott
Moist meadow - ½ mile below camp
July 23, 1934

1057 Salix petrophila Rydb.
meadow at alpine station
near Trumer Lake - J. D. Sowers
10,500 ft July 23, 1935

1058 Erigeron pumatisectus (Gray) A. Nels.
hillside above Trumer Lake
as above

1059 Primula parryi Gray
moist rock flood plain below
melting snow - above Trumer Lake
as above Fls pink

1060 Rydbergia grandiflora
Rocky slopes - near Trumer Lake
as above

1061 Erigeron simplex Greene
~~poliospermus Gray~~
as above

1062 Erigeron ~~glabellus~~ ?
as above melanocephalus A. Nels

Wyoming Albany County

1063 Trifolium dasyphyllum T. & G.
Rocky Slopes near Tourner Lake.
10,500 ft - July 23, 1935

1064 Hemizonella minima A. Nels.
Bog near lake 1 mile west of Lake Marie
Med. Row. nuts. July 24, 1935.

1065 Saxifraga arguta Don.
Banks of small streams - north
west of main camp - Woods
July 30, 1935

1066 Chionophila jamesii Benth.
Alpine meadow on Brooklyn Ridge
11,500 ft
Med. Row nuts - July 25, 1935

1067 Kalmia microphylla (Hook) Heller
around the alpine lakes at
the Base of Brooklyn Ridge
as above

1068 Pedicularis racemosa Dougl.
in the wind timber - as above

1069 Oxyria digyna (L) Camptdera
in the slide rock - along streams
from melting snow - face of Brooklyn ridge

Wyoming

Albany County

1070 Arabis Holboellii var. retrofracta (Grah.) Rydb.
Roadside between Centennial & Univ Camp. Med. Bow Butte - July 27, 1935

1071 Eriogonum cernuum nutt.
near the "City Springs"
Laramie Hills - 3 mi east of Laramie
Aug. 3, 1935

1072 Eriogonum effusum Nutt.
in the sand - as above.

1073 Cryptantha Fendleri (Gray) Greene.
as 1072

1074 Allium cernuum Roth.
As above.

1075 Hedeoma Drummondii Benth.
limestone rocks along ravine
Laramie Hills - Aug. 3, 1935.

1076 Plantago purshii Roem. + Schult.
10 mi so. of Cheyenne on the plains - Laramie Co., Wyo. aug. 21 1935

1077 Eriogonum annuum nutt
With yucca on the sand hills aug 21
Carpenter road, 22 mi east of Cheyenne 1935

Wyoming

1078 Rust on: Monarda menthaefolia
Granite canyon, Laramie County-
Aug 28, 1935

1079

Coniosporium
Granite canyon - Laramie County
Aug. 28, 1935

1080

On Gentiana
as above

1081

on ?
As above

1082

on Lupinus
~~So~~ Hillsides on the old Ft Collins
highway - 15 mi So. of Cheyenne
Laramie Co. Wyo.. Aug. 29, 1935

Wyoming

1083

On Malvastrum coccineum
plains 15 mi So. of Cheyenne
Laramie Co. Aug. 29, 1935

1084

On Astragalus
Horse Creek - 30 mi. So. of Cheyenne
Laramie Co. Sept 4, 1935

1085

On Eriogonum missouriensis
as above

1086

On Agropyron
as above

1087 Allionia diffusa Heller?
Sand hills 32 mi. East of Cheyenne
Laramie County, Wyoming Aug. 1935

~~1088 Eriogonum annuum Nutt.~~
~~Sand hills 32 mi East of Cheyenne,~~
~~Laramie County, Wyoming~~
~~Aug. 1935~~

Wyoming

1088 Bouteloua curtipendula (Michx) Torr.
Dry hillside with yucca and sagebrush
Near the mouth of Horse Creek Canyon
eastern foothills of the Laramie Range;
40 miles northwest of Cheyenne, Laramie Co.
Sept. 1935

1089 Silia
Gullies of limestone outcroppings
Twenty miles northwest of Cheyenne
on the Happy Jack Road - Laramie Co.
Wyoming - Sept. 3, 1935 - alt about 7,500 ft.

## Washington

1090 Arabis microphylla Nuttall
crevices of basalt cliffs - Snake River canyon - east of Bishop. Whitman Co. - Alt. 1500 ft. May 8, 1936. - Habitat extremely dry. in competition with mosses chiefly.
Rollins & Constance

1091 Arabis Cusickii Watson
Basaltic bluffs between Malden and Pine City, Whitman county, south to southwest exposure arid transition alt. about 2400 ft.
Constance & Rollins May 10 1936

1092 Arabis Holboellii var secunda.
as above. pods puberulent. fls white

1093 Arabis sparsiflora Nuttall
east facing slope - with Rosa & under pines ponderosa.
Biennial or perennial 1-3 ft high
fls. pink - pods glabrous.
site as above.

1094 A. sparsiflora
Rocks in p. ponderosa woods.
vicinity of Hole in the Ground

Washington
May 10, 1936

Whitman Co.
usually in shade.

1095 A. Kelloggii secunda
Basaltic bluffs - south facing
west rim of hole in the ground.
as above.

1096 A. Nuttallii Robinsonii
grassy meadow - 1 mile north
of Rock Lake - Whitman Co..
as above - fls white.

1097 Parrya Mensiesii
among sagebrush - upper Sonoran?
as above

1098 Arabis Suksdorfii
Rocky exposures - southwest
facing. as above

1099 A. sparsiflora
deep soil near rocks
as above

Washington
May 10, 1936

1100 A. sparsiflora
Basaltic Bluffs of upper end of (northeast) Rock lake
deep soil - as above

1101 A. Cusickii
Basaltic Rocks as above

1102 A. Nuttallii
Dry grassy meadow - 1 mile
northwest of south end of Rock
lake. as above

1103 A. sparsiflora
Rocky knoll - scobland - as above

1104 A. cusickii
as above - higher knolls.

1/02 Granite

Basalt

Contact

Sand

Creek

+ Contact & Willow

Steep

between Steep Cr. & Willow Cr.
R. 2 W. T. 25 N. Nez Perce
Nat. Forest.

Idaho

1108 Arabis Hallii ~~var. stricta~~
Rocky south facing slope. Low
talus among the rocks. Flowers
reddish, pubescent nearly throughout.
NE ¼ sec. T. 32 N. – 5 miles east
of Weiser Park, Idaho County, Idaho
May 24, 1936. Palouse River.

1109 Arabis platysperma (W.) Rydb.
Dry slope - stony soil
as above

1110 Arabis platysperma (W.) Rydb.
Moist ground at the mouth
of Pete Kings Cr. Nez Perce Nat
Forest. 3000 ft.

1111 Erigeron [illegible]
[illegible]

June 8, 1936 Steep north-facing slope. High on the canyon walls. about 10 mi east of Lewiston, Nez Perce county Idaho. Clearwater River. ~~2000~~ 1300 ft.

1112 Castilleja sp.
as above

+Constance

Idaho
June 8 & 9

1113 penstemon
Fls white as above. 8, 1936.
1114 Silene oregana Watson June
as above
1115 Castilleja miniata. Dougl.
shade & shrubs - p. ponderosa grove
moist situation - Top of cuddiac
grade, 7 mi N.E. in Winchester, Nez Perce
Co, Idaho alt. 3600 ft
1116 penstemon confertus Dougl.
Fls cream - white - clumps - north-
facing rather moist hillside. 3 mi
south of Craigmont Lewis Co.
alt. 3800 ft June 9, 1936
1117 Erigeron - as above. Engelmanii A. Nels.
1118 Arabis sparsiflora
6 mi south of Craigmont
north - east facing - steep slope -
deep rich soil. Simple or branches
from base or above. Lewis Co
1119 Heuchera
as above.

Idaho

June 9, 1936

1120 ~~Hackelia bappata~~ Hackelia cinerea (piper) Jtn.
crevices of basaltic cliffs -
Sawyer Canyon - Craigmont -
Grangeville - Nezuis Co.
3600 ft.

1121 Arabis Cusickii Watson
basaltic bluffs - Sawyer
canyon - Craigmont - Grangeville
3500 ft. Nezuis Co.,

1122 Arnica.
moist north slope as above

1123 Delphinium
as 1122

1124 Frasera
as 1122

1125 Castilleja miniata Dougl.
as 1122

1126 Lupinus
as 1122

1127 Sphaeralcea
Rich black soil - roadside near
Grangeville - Idaho Co.

Idaho
June 9, 1936

1128 penstemon attenuatus Dougl. Hill.
Fls white - open prairie land.
3 mi sw. of Tranquille, Idaho
Co. 3500 ft.

1129 Coquellia
with 1128

1130 Rosa ultramontana (Leiberg) Heller
small shrub. 1-3' - open hillsides
Summit Whitebird Hill - alt. 4400 ft.
Idaho Co.

1131 Eriophyllum
talus slopes - as above 1130

1132 penstemon attenuatus Dougl.
Fls - deep blue - as 1130

1133 Castilleja sp.
as 1130 - in clumps

1134 Hydrophyllum
as 1130

1135 Polygonum douglasii Greene
Basaltic cliffs along the
Salmon R. 4 mi south of
Whitebird,

Idaho
June 9, 1936

1136 Chaenactis Douglasii H. & A.
as 1135.

1137 Penstemon triphyllus
Basalt cliffs of the Salmon.
Whitebird – Riggins - Idaho Co.

1138 Astragalus Cusickii
as 1137

1139 Penstemon
Basaltic slope - along the
Little Salmon R. near
Riggins,

1140 Frasera intida Berth.
moist hillside - clumps.
mountain meadow – 4 miles
north of New Meadows.

1141 Saxifraga
along a slow brook - int.
meadow. 5 mi south of
Meadows.

# Idaho

1142 Allium
Fls white. moist meadow
As 1141

1143 Wyethia [illegible]
Ray fls white, clumps much
as Balsamorhiza - as 1141

1144 Valeriana
moist slope - Meadows - Mc Call

1145 Penstemon payettense Nels.
Rocky hillside as 1144

1146 penstemon [illegible]
Fls white - Payette R. canyon
June 9 Mc Call - Boise - 10 mi no. of Horse
Shoe Bend. steep banks - large
clumps everywhere

1147 penstemon [illegible]
Fls purplish. sagebrush flats
June 10 #1 15 mi so. Boise - clumps.

Idaho

June 10, 1936

1148

Rocky outcrops with artemisia as 1147

1149 penstemon
Flr. white - as 1148.

1150 Sphaeralcea
small knoll - granitic soil - covering areas unoccupied by artemisia - 23 mi. S. of Boise in Elmore Co. Boise - Mt. Home.

1151 onograceae - Oenothera Hippiochaeta as 1150

1152 Townsendia

Clay hillsides with artemisia
14 miles NW of Glenns Ferry
Elmore Co.

1153 Chaenactis Douglasii H. & A.
as 1152

1154 Eriogonum
as 1152

Idaho

June 10, '36

1155 Mentzelia
as 1152

1156 Thelypodium
Fls yellow · as 1152 - in large clus

1157 Thelypodium ps
Fls white as 1152 - single.

1158 Erigeron
stony flats - near King Hill
Elmore Co.

1159 Astragalus
clay hillsides near Bliss
Gooding Co. Pods not inflated
sutures not intruded

1160 Oreocarya?
as 1159

1161 Atriplex
shrub 2-4 ft. high as 1159

1162 Eriogonum
Basalt breaks · east of Twin Falls
Twin Falls Co.,

1163 (Spiraea)
Basalt cliffs - crevices of rocks
as 1162. shrub 3-4 ft.

1164 Lappula
dry hillside with Purshia
Snowville - Tremonton, Utah

1165 Castilleja
Rocky hillside among the
sagebrush, small clumps of one
to three flowering stalks.
near Wyman, Uinta County, Wyo.
June 14, 1936. - 6,500

1166 Eriogonum
as 1165 stony areas

1167 Malvastrum?
as 1165 ckll.

1168 actinea
as 1165

1169 Oreocarya
as 1165

1170 actinea
as 1164

Wyoming

1171 Erigeron poliospermus Gray
as 1165

1172 Artemisia arida E. Nels.
as 1165

1173 Castilleja flava Watson
as 1165

1174 ~~Artemisia~~ Tanacetum Nuttallii T. & G.
as 1165 - fls yellow.

1175 arenaria Castillejis pair
as 1165 - June 12, 1936

1176 Eurotia lanata
as 1175

1177 ~~Arabis~~ Sisymbrium elegans (Jones) Payson
Dry - hot
[illegible]
[illegible] June 13, 1936

1178 Arabis demissa Greene; var. longiuda Rollins

1179 [illegible]

1180 Veronica cespitosa Jacq.
Jacquin coll. p. 1. [illegible]
near Palma Sola, 17 miles [illegible]
Coll. June 21, 1873. Alt. 7[illegible]

[illegible] Purch

[illegible]

[illegible] Franklinia thrysoides

[illegible] grow. Nat. Ord.

1185 Campanula rotundifolia L.
growing [illegible]
four miles [illegible]

8b Penstemon [illegible]
at 1180

Colorado

June 21, 1936

1187 Thermopsis divaricarpa A. Nels.
Openfields with in prim. gooseneck
ave. - most gentle slope -
near Palmer Lake, El Paso Co.,
Colo., June 21, 1936.

1188 Viola vivina Pennell
[illegible]
T.L. dark blue purple - no stamp
almost pinks. = 1188a

1189 Astragalus
as 1187 - dry soil - Fabaceae?

1190 Salvia
under the pines and in the
open - as 1187

1191 Castilleja integra Gray
grassy hillside with Type,
penstemons etc. - about 2 mi
north of Palmer Lake, El Paso Co.,
Colo. June 21, 1936.

1192 [illegible]
[illegible]

Colorado

193 Deschampsia alpina Torr.

194 Phleum inconspicuum Nutt.

195 Stipa Fendleri Thurb.

196 Stipa viridula Trin.

197 Trisetum subspicatum (L.) Beauv. var. pumilum (Nutt.) Piper

198 Trisetum montanum Vasey

199 Agropyron scribneri Vasey

200 Agropyron violaceum (Hornem.) Lange

201 Agropyron caninum (L.) Beauv.

202 Agropyron tenerum Vasey

Colorado

gracilis
Virens Pennell

Rubus [illegible] James

Potentilla [illegible] Nutt.

Fontanesii [illegible]

Colorado

Papaver pygmaeum (Greene) Rydb.

C. L. Hitchcock

1245 N Eriogonum ovalifolium nudum (Jones) S. Stokes
Sandy soil, Cache Canyon,
T 20 S, R 70 W, Fremont County,
Colo., June 24, 1936

Eriogonum (Cycloptera) microthecum dumosum (nutt.) Heller

1230 Machaeranthera canescens gracilis Nutt.

1247 pentstemon crandallii g. nels.

Astragalus (perrull) Rydb.

myriantlus Greene?

integra Gray
Head

Wercampyx Newberry: Gray

Colorado

Senecio tridentatus Rydb.

Penstemon Brandegei porter

Castilleja linearis Rydb.

Custer Co.,

divaricarpa A. Nels.

Arnold

Pentstemon auriberbis Pennell
var. the land of Hillsdale creek
near Hillsdale - Ilha. United
June 27, 1936 - Hunfano co
Dillmanara
stop
oxygopia micrantha (Trin. & Rupr.) Bunge.
under pinus
south
cryptandrus (Torr.) Gray

Colorado

Poa alpina L.

Poa fendleriana (Steud.) Vasey

Colorado

Bouteloua Hydaeis (Gray) ~~Vasey~~

Bouteloua curtipendula (Michx.) Torr. var. caespitosa Vasey

Bouteloua curtipendula (Michx.) Torr. var. caespitosa Vasey f. albiflora

Calamagrostis purpurascens R. Br.

androsaea chamaejasme Host.

Rydb.

Carex [illegible]

Colorado

Richardsoni F. & M.

Glacier

Carex lenticularis
ar 1292 1300-500.

Potentilla whippleana Krayina
Dist. & habitat: Colo. Rocky Mtns.
alt. 12,000 ft. - fla. schist gravel
ar 1295 - abundant. open hillside
alpina L.
ar 1297
open meadows
Festuca rubra L.
ar 1297
open meadows
Geum rivale var. perincisum Rydb.
Dist. & habitat: Colo. Rocky Mtns.
alt. 12,000 ft.
var curta Rydb.
Dist. & habitat: Colo. Rocky Mtns.
alt. 12,000 ft.
ar 1299

serissa nutt.

monarda punctata nutt

Colorado

columbianum Nuttall
moist rock bank - ca 12[illegible].
1208. Senecio amplectens T. & G.
[illegible] up [illegible]
canyon - north [illegible]
[illegible] canyon wall - Range [illegible]
Rte., Aggrada Co. July 2, 1936
[illegible]
north facing [illegible]
juniper - ca 1218
1210 Campanula parryi Gray
Moist meadow - Big Bottom road
creek about 4 miles [illegible] the Vol
Forest Boundary - Sawpit Creek
Rte., Fremont Co. July 2, 1936
Alt. about [illegible]
1211 Antennaria [illegible] Nutt.
moist [illegible] ca 12[illegible]
1213 Aquilegia [illegible]
[illegible] with [illegible]
13

Colorado

1931 Muhlenbergia
Dry hillside – Saguache Park.
2 miles north of Stone cellar R.S.
July 7, 1936 – alt. 9,500 ft.

1932 Poa reflexa
on 1921

1933 Trisetum
Dry hillside 1 mile north of Saguache
park R. S. – Cochetopa N. F. no 1921

1934 Penstemon secundiflorus Benth. subsp. lavendulus (Pursh)
Open hillside – granitic soil –
12 miles west of Cochetopa Pass –
Saguache Co. July 7, 1936 – alt. 9,500

1935 Penstemon
Stony outcroppings, – 10 miles west
of Cochetopa Pass – Saguache Co.,
July 7, 1936 – alt. 9,500

1936 Penstemon strictus Benth.
5 miles west of Cochetopa Pass, steep
soil mixed with pebbles – Saguache Co.
July 7, 1936 – alt. 9,700.

1937 Stipa columbiana Macoun
on 1936

Colocynthis

Colorado

1331 ✓✓ [illegible]

[illegible]

1337 Eriogonum racemosum Nutt.

✓✓ [illegible]

1338 ✓✓ Eupatorium longirostratum Rydb.

[illegible]

1339 ✓✓ Eupatorium Fendleri Gray.

[illegible]

1340 ✓✓ Erigeron glabellum Nutt.

[illegible]

1341 ✓✓ Senecio Fendleri Gray.

[illegible]

1342 ✓ Antennaria [illegible] E. Nels.

[illegible]

Arabis

Arabis

Arabis Drummondii

Drummondii Wats.

July 9, 1926

Sitanion hystrix (Nutt.) J. G. Smith.

Stipa comata Trin.

Holboellii Hornem. var. pinetorum (Tides) Rollins

Lake County

Introduction

1250 Indian Encampment
East side of Shoshone Falls
July 17, 1936 - alt. 11,500 ft.

✓✓ Noble County -

1251 American Falls
Power Dam
Noble County - July 17, 1936 - alt.
12,000 ft.

✓✓ 1252 Panoramic telephoto - Stray
as 1250

✓✓ 1253 Shoshone Falls (T.F.D.) Power

✓✓ 1254 -

✓✓ 1255 Indian Encampment

✓✓ 1256 -

1257 Panoramic telephoto a. Nelle
as 1250 - Indian Encampment

✓✓ 1258 Panoramic telephoto a. Nelle
as 1250 - Indian Encampment

1259 Panorama of Twin Falls
Looking north & west from
Twin Falls Hotel - Park in
foreground - alt. 7,000 ft.

Oleraceae

poa Rydbergii A. Nels.

poa alpina L.

poa secunda Presl.

poa pratensis L.

elegans purch

as 1324

as 1324

Cirsieae

Cirsium unilaterale Rydb.

Cirsium wheeleri (Gray) Petrak

Cirsium arvense (L.) Scop.

Cirsium vulgare (Savi) Ten.

Cirsium undulatum (Nutt.) Spreng.

mr. J. C. Smith

Fremont

anomalus Rupr.

Lycopodiaceae

✓✓ Lycopodium selago L. var. erectum (Lam.) Fern.

✓✓ Lycopodium sitchense Rupr.

✓✓ Diphasium complanatum (L.) Rothm.

✓✓ Lycopodium annotinum L.

✓✓ Lycopodium obscurum L.

✓✓ Lycopodium clavatum L. var. monostachyon Grev. & Hook.

✓✓ Lycopodium complanatum L. var. chamaecyparissus A. Br.

✓✓ Lycopodium complanatum L. var. pseudodendroideum Fern.

dioicarpa A. Nels.

Aplopappus macronema [illegible]
Rocky Canyon. Canyon of Spring
Creek about 10 miles above.
[illegible] - Johnson Co., Wyo.
[illegible]
[illegible]
[illegible]
[illegible] Crocodilus Ryd.
[illegible]
[illegible] Vulpia [illegible]
[illegible]
[illegible] Agropyron Smithii
[illegible]
[illegible]
[illegible] Muhlenbergia [illegible]
Base of Rocky slope - near [illegible]
[illegible] Powder River [illegible]
[illegible]
Johnson Co., Wyo.

Clavaria

Ramaria pauciflo-ram(Schaeff.) Kitzbu.

very delicate

Ramaria argentea Vaney

Ramaria Thwaitesii Vaney

Ramaria neuburgii Rang

= 16

Ramaria subbotrytis Pat.

Ramaria capitata (Pers.) Fries.

Ramaria stricta Vaney

E. Lucas

var. retrofracta.

alpinum L.

Antennaria corymbosa E. Nels.

Antennaria oxyphylla Greene

(b) Rydb.

anaphaloides Rydb.

crassulus Gray

Torrey

Colorado

✓✓ ca stenantha Torr.

✓✓ [illegible] subacaulis Piper

✓✓ (Type locality)

✓✓ Gray

septentrionalis Lindley

✓✓ Viguiera multiflora (nutt.) Blake

✓✓ miniata Rydb.

✓✓ vilosa [illegible]

✓✓ poliantha

Senecio Gray

nervosum Rydb.

gymnocarpon Nutt.

Trichostegia (Tonyella)

ciliatum L.

miniata Lough.

Aconitum Baker

Viguiera multiflora (Nutt.) Blake

Eaton & Wats. Gray | Watson

Muhlenbergia mexicana Trin.

not diff

Wright. Gray

Brickellia grandiflora
(Hook) Nutt.

oligacanthus Wooton & Standl.

scopulorum Knowl

ramosa – pa 1488. – 8,500

/9000ft

Baileyi E. Nels.

... arctica R. Br.

... lucis atrativa Greene

... interior Fyall.

... crinita Pursh.

(...) ... Rio Grande

... Thistle Benth.

Fendleri Gray

pon. interior Rapids.

9,500

Fendleri (wats.) Greene
var. spathifolia

10,000

var. oxyloba (Rouy) Silg & Schulz
- alt. 11,000

Montana Variety

adunca Nees.

gracilis (R. Br.) Berg.

gaudichaudii Benth.

floribunda (Gray) Coll.

linariaefolia Benth.

villosa Gaudich. (Nees) Benth.

Leptophyllum (Torr.) W.& S.

with [illegible]

✓✓ Viguiera multiflora (nutt.) Blake

sól - perennial.

near Rio Blanco River — 2 miles

east [illegible] — Archuleta

✓✓ aug. [illegible] — 7,000 ft

[illegible] (H.B.K.) berg.

[illegible] — 20 miles [illegible]

[illegible] — Archuleta Co.

✓✓ [illegible] aug. 16, 1936

✓✓ pipiochaetium Melampodium montanum Vasey

✓✓ [illegible] 1534

[illegible] Kinney Water.

✓✓ [illegible]

✓✓ [illegible]

(Gray) Greene

other dates as 1534

hyaenurus Mabelbrégia ingens Nov.

Aethalopus n. var. Ingens Nov.

Apleuropagurus granulosus (Mitt.) Nov.

√√

√√

√√

√√

√√

√√

✓

microcarpa Berg

✓✓

Parryi (Berk.) Peck

✓✓

ambrosioides Rydb.

✓✓

✓✓

squarrosa (Dill.) Rydb.

✓✓

Piptochaetium fimbriatum?

9

✓✓

Sporobolus microspermus (Berg.) Mitch.

✓

(1901?) U. S. P.

6,500

Psilostrophe Bakeri Greene

√√ Jamesii (Torr.) Benth.

√√ ~~a~~ gracilis (H.B.K.) Rydb.

√√

√√

Montpelier Plateau

aug. 31

Chrysothamnus depressus Nutt.

P. River

✓ ✓

Laviflora Rydb.

(1145)

1609

1608 - Priogonium Cespitosum Nutt.
as number 1165 (mislaying sheet)

1609 - Carex
as number 1292
near Blue Lakes Sta.

Penstemon nitidus.
Sept. 1-10, 1935 - Laramie
Hills - Laramie County
Wyoming - Arapaho Ranch

S.21 Penstemon unilateralis Rydb.
S.13 P. Rydbergii A. Nels. ?
S.36 P. albicaulis Rydb.
Four miles Rydb laramie river, 8.0 miles
west of Laramie, Albany County
Wyo. Sept. 1-15, 1935
S.31 - P. laricifolia H. & A.
Um. wildflowers (a note) Jepson.

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